

STN
10548403

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(FILE 'HOME' ENTERED AT 12:51:59 ON 02 APR 2010)

FILE 'CAPLUS' ENTERED AT 12:52:10 ON 02 APR 2010
L1 1025 S EXPANDED BED
L2 508 S L1 AND ADSORP?
L3 22 S L2 AND (WHEY OR MILK)
L4 10 S L3 AND COLUMN

=> d 14 1-10

L4 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2007:413021 CAPLUS
DN 148:545973
TI Process for separation and purification of bioactive lactoferrin,
apo-lactoferrin and lactoperoxidase
IN Mallinath, Lali Arvind; Rameshchand, Agrawal Manisha; Bhaskar, Kale
Sandeep
PA India
SO Indian Pat. Appl., 65pp.
CODEN: INXXBQ
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI IN 2004MU00504 A 20070316 IN 2004-MU504 20040505
PRAI IN 2004-MU504 20040505

L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2005:977800 CAPLUS
DN 144:107068
TI Concentration of .alpha.-lactalbumin from cow milk whey
through expanded bed adsorption using a
hydrophobic resin
AU Conrado, L. S.; Veredas, V.; Nobrega, E. S.; Santana, C. C.
CS Department of Chemical Engineering, Federal University of Campina Grande,
Campina Grande, Brazil
SO Brazilian Journal of Chemical Engineering (2005), 22(4), 501-509
CODEN: BJCEFZ; ISSN: 0104-6632
PB Brazilian Society of Chemical Engineering
DT Journal
LA English
OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2004:799417 CAPLUS
DN 141:295049
TI Method for high throughput volumes in the fractionation of bio-molecules
by chromatographic systems
IN Hansen, Marie Bendix; Lihme, Allan Otto Fog
PA Upfront Chromatography A/S, Den.
SO PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.		KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004082397	A1	20040930	WO 2004-DK187	20040319
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MN, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2004222627	A1	20040930	AU 2004-222627	20040319
	AU 2004222627	B2	20091203		
	EP 1605772	A1	20051221	EP 2004-721828	20040319
	EP 1605772	B1	20070627		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
	AT 365463	T	20070715	AT 2004-721828	20040319
	NZ 542956	A	20071130	NZ 2004-542956	20040319
	US 20070092960	AL	20070426	US 2006-548403	20060727
PRAI	DK 2003-443	A	20030321		
	WO 2004-DK187	A	20040319		
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT					
OSC.G	5	THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)			
RE.CNT	7	THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD			
ALL CITATIONS AVAILABLE IN THE RE FORMAT					
L4	ANSWER 4 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN				
AN	2002:927157 CAPLUS				
DN	137:369132				
TI	Fractionation of protein containing mixtures				
IN	Lihme, Allan Otto Fog; Hansen, Marie Bendix; Andersen, Inga Vaarst; Olander, Morten Aae				
PA	Upfront Chromatography A/S, Den.				
SO	PCT Int. Appl., 73 pp.				
CODEN:	PIXKD2				
DT	Patent				
LA	English				
FAN.CNT	1				
PATENT NO.		KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002096215	A1	20021205	WO 2002-DK375	20020531
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MN, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002316806	AL	20021209	AU 2002-316806	20020531
	AU 2002316806	B2	20071025		
	EP 1401289	A1	20040331	EP 2002-745177	20020531
	EP 1401289	B1	20050309		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	AT 290323	T	20050315	AT 2002-745177	20020531
	EP 1552752	A2	20050713	EP 2005-75201	20020531
	EP 1552752	A3	20051012		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI, CY, TR
NZ 530152 A 20050729 NZ 2002-530152 20020531
EP 1584242 A1 20051012 EP 2005-76246 20020531
EP 1584242 B1 20100120
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI, CY, TR
AT 455468 T 20100215 AT 2005-76246 20020531
US 20050065329 A1 20050324 US 2004-478111 20040310
US 20080182979 A1 20080731 US 2007-943778 20071121
PRAI DK 2001-869 A 20010601
EP 2002-745177 A3 20020531
EP 2005-75201 A3 20020531
WO 2002-DK375 W 20020531
US 2004-478111 A1 20040310

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2002:234467 CAPLUS
TI Separation of lactoferrin from cheese whey by expanded
bed adsorption
AU Vahtola, K.; Isomaki, R.; Myllykoski, L.; Kutila, T.; Keiski, R.
CS Department of Process and Environmental Engineering, University of Oulu,
FIN-90014, Finland
SO Biochemistry and Cell Biology (2002), 80(1), 149
CODEN: BCBIEQ; ISSN: 0829-8211
PB National Research Council of Canada
DT Journal
LA English

L4 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2002:4479 CAPLUS
DN 136:261848
TI Recovery of antithrombin III from milk by expanded
bed chromatography
AU Ozuyurt, Sinem; Kirdar, Betul; Ulgen, Kutlu O.
CS Department of Chemical Engineering, Bogazici University, Bebek, Istanbul,
80815, Turk.
SO Journal of Chromatography, A (2002), 944(1-2), 203-210
CODEN: JCRAEY; ISSN: 0021-9673
PB Elsevier Science B.V.
DT Journal
LA English

OSC.G 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)
RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2001:238742 CAPLUS
DN 134:307432
TI Purification of lactoferrin by expanded-bed
column chromatography
AU Shiozawa, Masami; Okabe, Hironao; Nakagawa, Yasuhiro; Morita, Hiroshi;
Uchida, Toshiaki
CS Department of Bioengineering, Yatsushiro National College of Technology,
Yatsushiro, 866-8501, Japan
SO Kagaku Kogaku Ronbunshu (2001), 27(2), 145-148
CODEN: KKRBAW; ISSN: 0386-216X
PB Kagaku Kogakkai
DT Journal
LA Japanese

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L4 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2000:327436 CAPLUS
TI Chromatographic capture of proteins from milk.
AU Etzel, Mark R.; Liten, Alisa D.; Moore, Peter M.
CS University of Wisconsin-Madison, Madison, WI, 53706, USA
SO Book of Abstracts, 219th ACS National Meeting, San Francisco, CA, March
26-30, 2000 (2000), BIOT-211 Publisher: American Chemical Society,
Washington, D. C.
CODEN: 69CLAC
DT Conference; Meeting Abstract
LA English

L4 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1999:136528 CAPLUS
DN 131:15854
TI Online monitoring of breakthrough curves within an expanded
bed adsorber
AU Chase, H. A.; Nash, D. C.; Bruce, L. J.
CS Department of Chemical Engineering, University of Cambridge, Cambridge,
CB2 3RA, UK
SO Bioprocess Engineering (1999), 20(3), 223-229
CODEN: BIENEU; ISSN: 0178-515X
PB Springer-Verlag
DT Journal
LA English
OSC.G 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1998:524691 CAPLUS
TI Expanded bed applications to delipidization and
selective purification of IgG from IgA and IgM from milk
AU Velandier, William H.; Gardner, Tara Conti; Degener, Arthur
CS Department Chemical Engineering, Virginia Tech, Blacksburg, VA,
24061-0211, USA
SO Book of Abstracts, 216th ACS National Meeting, Boston, August 23-27
(1998), BIOT-031 Publisher: American Chemical Society, Washington, D. C.
CODEN: 66KYA2
DT Conference; Meeting Abstract
LA English